

v 17
Aug 3, 1879 - July 31, 1880

INDEX TO VOLUME XVII.—1879-'80.

- Absent officer's right to command, 939.
Academy, Military. Annual report of Superintendent, 277—of Board of Visitors, 205, 1048—Annual examination at, 926, 936—Appropriation for, 903—Assignment of cadets, 961—Cadets, graduating, list of, 1890, 926—Cadets' New Year's frolic, 446—Contributions to the Army, 793—Hazing at, 63—New detail of officers, 813—Register of cadets, 1028—Register of officers and cadets, 183—Professor Michie's address on, 386—Vassar, young ladies visit to, 885—Whittaker's case (See Whittaker).
Academy, Naval, 512—Annual examination at, 926, 935—Cadet midshipmen at Hartford, 45—List of graduating cadets, 1890, 926—Midshipmen afloat, 1065—Sports at, 349—Trial of cadets at, 429.
Academy, Military, British, at Woolwich, 50—French, at St. Cyr, 633—Belgian école militaire, 184.
Acts of war, officers non-liability for, 604.
Affairs at Washington, 138, 289, 328, 348, 368, 380, 407, 583, 607, 629, 673, 693, 740, 780, 819, 882, 884, 904, 951.
Afghanistan, war in, 121, 334, 1066, 1074—Arms used in, 994—Cost of, 819—England's expenditure for, 647.
Alaska, affairs in, 924.
America, European opinions of, 653.
American Army abroad, 401.
American Blindness, 1070.
American Medical Association, proceedings of, 903.
American Observer in Turkey (Greene), 102.
André, proposed monument to, 179.
Annual reports, 226, 245, 257, 258, 262, 277, 278, 279, 301, 307, 321, 340, 341, 343.
Annuity Fund, for Army and Navy, 409.
Appointment and promotion, law of, 836.
Answers to Correspondents, 13, 32, 49, 68, 87, 108, 148, 166, 188, 208, 228, 247, 268, 292, 312, 329, 351, 371, 391, 415, 430, 456, 476, 488, 542, 567, 588, 611, 631, 655, 678, 697, 717, 740, 763, 776, 794, 824, 867, 887, 908, 928, 951, 972, 985, 1003, 1042, 1072.
Arctic Expeditions, 733—Hall's second, 562—Howgate, the, 815, 861, 883, 898, 1061, 1063—Jeannette, the, 98—Nordenskjöld's triumph, 101.
Armies, Foreign.
Army, Abyssinian, 88.
Army, Austrian, 190, 206; Age of men, 522; Ammunition for, 633; Cost of, 825; Manoeuvres of, 846; Military funeral, 633; Military prison for, 353; Nationalities composing, 417; Pay of officers, 766; Strength of, 398, 416, 436, 522, 634; Telephone, 438.
Army, Belgian, 393; Ecole Militaire, 184.
Army, British, 109; Of eighteen seventy-ninety, 124, 634; Age of Recruits, 26; Beards in, 146; Boys in, 922; Casualties in, 89; Cavalry, barracks for, 740; Commissariat and transport departments, 614; Cost of, 825; Cowardice in, 327, 363; Discontent in, 1054; Discipline in, 186, 614; English soldier, 94; Estimates for, 672; Foreigners in, 678; Flogging in, 14, 27, 1054; Horses in, number of, 766; In India, 417; Judges Advocate of, 34; Method of wearing cap, 9; Mortality in, 967; Musketry instruction for, 373; New boat for, 417; New sword bayonet for, 228; Officers as investors, 649; Officers of, in Parliament, 736; Promotion in, 248; Proportion of bad characters in, 190; Recruiting for, 614; Religious persuasions in, 10; Retirement in, 698; Revolvers for, 153, 186; Study of Sherman's campaigns in, 25; Top heavy, 1068; Uniforms of, 350, 786; Use of Queen's shilling in recruiting, 88; Volunteer force, 569, 570, 910.
Army, Burmese, 88; Review of, by King Theben, 148.
Army, Canadian, the, 34, 70, 169, 458, 658, 694.
Army, Chinese, 1074; Arsenal, 1005; New arms for, 1084; Rifle practice in, 190.
Army, Dutch, 500.
Army, French, 589, 785, 846; Artillery strength, 628; Autumn manoeuvres, 280; Abolishing staff, 599, 923; Age of men, 522; Age of officers in, 248; Ambulance map for, 569; Appropriations for, 786; Changes in uniform, 417; Chaplains to be dispensed with, 766; Cost of, 825; Drafting clergy for, 1064; Drummers to be abolished, 109, 742; French and German compared, 613; Geographical pocket handkerchief for, 33; Infantry and artillery, 358; Losses in Franco-Prussian war, 994; Military service in, 1054; Military school at St. Cyr, 633; New pack saddle for, 293; New uniform unsatisfactory, 354; Oath administered to, 966; Officers in, 564; Pay of officers, 545; President Grevy on, 1073; Project of law for, 671; Proportion of effectives in, 417; Recruits in, 34; Saluting the Host, 478; Spectacles in, 105, 416, 570, 846, 1228; Stammering in, 654, 869.
Army, German, 570, 589, 869; Brutality in, 88, 123, 137, 846; Age of men, 522; Annual review at Berlin, 185; Artillery school for, 168; Autumn manoeuvres, 184, 869; Casualties in, 804; Cavalry adopt revolver, 50, 144; Coast artillery regiment, 70; Cost of, 825; Curious shooting match in, 354; Drafting clergy for, 804; Increase of, 34, 417; Lances for, 910; Number of men in, 13; Retirement in, 909; Review of, 46; Sense of duty in, 436; Strength of, 416, 697; War cries of, 908.
Army, Greek, 968, 1090.
Army, Italian, 190; Armament of, 88; Cost of, 825; Strength of, 416.
Army, Japanese, 670.
Army, Norwegian, Corps of skaters in, 418.
Army, Persian, Artillery for, 261; Military College for, 169.
Army, Peruvian, 554.
Army, Roumanian, Arms for, 452, 910.
Army, Russian, 1074; Barrack accommodation for, 34; Condition of, 1034; Cost of, 825; Dishonesty in, 109; Discipline in, 544, 658; Horse biscuits for, 804; Inspection by Czar, 570; Lieut. Greene's observations on, 102; Medical staff of, 109; Military manoeuvres, 46, 89; Military settlements, 50; Rifle practice in, 501; Road engines in, 188; Reorganization of, 826; Revolvers for, 804; Small arms for, 590; Strength of, 416; Suicides in, 994; Use of telegraph by, 456, 500.
Army, Spanish, 310, 656; Strength of, 698.
Army, Swiss, 657.
Army, Turcoman, 467; Arms of, 70.
Army, Turkish, 293, 328; Strength of, 436.
Army, Zulu, 89; List of, 50; Organization of, 68.
Armies of Europe, 248.
Armor, compound, 612.
Armored vessels, architectural development of, 1025.
Armor and Gun, 764.
Army and Navy Budgets of Europe, 825.
ARMY AND NAVY JOURNAL, notice of, 475.
Army family, an old, 1030.
ARMY OF THE UNITED STATES.
N. B.—The classified references to regiments and staff corps under their various headings in the "Army" department of the JOURNAL are not included in this index.
Appointments and promotions in the Army, 4, 21, 250, 276, 362, 378, 381, 445, 529, 577, 621, 643, 682, 684, 685, 751, 773, 812, 833, 855, 876, 917, 967, 988, 981, 1039.
Casualties among officers. (See weekly publication under "Army.")
Casualties among enlisted men, 56, 157, 176, 301, 489, 728, 791, 812, 832, 855, 1040, 1060.
Decisions, War Department (in letters), 55, 75, 195, 443, 444, 729.
General Orders, Hdqrs. of Army, Series of 1879, No. 72, p. 39—(For Nos. 73 and 77 see last volume)—Nos. 78, 79, p. 3—Nos. 80, 81, p. 19—Nos. 82, 83, p. 39—No. 84, p. 75—Nos. 85, 86, p. 30—No. 87, p. 75—Nos. 88, 89, p. 55—No. 90, p. 75—Nos. 91, 92, p. 95—No. 93, p. 115—No. 94, p. 155—No. 95, p. 196—No. 96, p. 215—No. 97, p. 235—No. 98, p. 266—No. 99, 100, p. 319—No. 101, p. 339—No. 102, p. 359—No. 103, p. 339—No. 104, p. 340—Nos. 105, 106, p. 379—Nos. 107, 108, 109, 110, p. 380—No. 111, p. 399—No. 112, p. 443—Nos. 113, 114, 115, p. 399—Series of 1880, No. 1, p. 440—Nos. 2, 3, p. 483—Nos. 4, 5, 6, 7, 8, p. 527—No. 9, p. 551—Nos. 10, 11, 12, 13, p. 576—No. 14, p. 619—Nos. 15, 16, p. 641—Nos. 17, 18, 19, 20, p. 663—No. 21, p. 750—No. 22, p. 771—No. 23, p. 750—No. 24, p. 771—No. 25, p. 792—No. 26, p. 791—Nos. 27, 28, 29, 30, 31, 32, 33, p. 811—Nos. 34, 35, p. 831—Nos. 37, 38, p. 853—No. 39, p. 875—Nos. 40, 41, p. 937—No. 42, p. 875—No. 43, p. 915—No. 44, p. 937—No. 45, p. 879—No. 46, p. 937—No. 47, p. 915—No. 48, p. 959—No. 49, p. 915—Nos. 50, 51, p. 937—No. 52, p. 961—No. 53, p. 959—Nos. 55, 56, p. 999—Nos. 57, 58, p. 1019—No. 59, p. 1039.
Military Divisions, Departments, and Districts, Orders from: Arizona, 3, 75, 399, 527, 663, 937, 959, 1019—Atlantic, 39, 155, 195, 527, 771, 853, 915—Columbia, 39, 115, 155, 175, 215, 255, 399, 463, 527, 575, 663, 683, 771, 895, 915, 909—Dakota, 275, 483, 575, 703, 791, 875, 1019—East, 362, 527—Missouri, 3, 19, 115, 155, 175, 380, 443, 463, 619, 750, 831, 853, 937, 1019—New Mexico, 19—Pacific, 19, 39, 75, 175, 463, 483, 875, 959—Platte, 19, 135, 215, 275, 359, 463, 483, 683, 937—South, 19, 155, 175, 235, 319, 463, 527, 619, 750, 831, 909, 1059—Texas, 39, 115, 319, 399, 423, 443, 463, 483, 507, 619, 663, 683, 750, 771, 875, 937, 1059—Yellowstone, 959.
GENERAL COURTS-MARTIAL.
Armes, Geo. A., 916; Bentley, Edwin, 319; Catley, Henry, 876; Clark, Edwin R., 916; Cummings, J. F., 960; Davidson, John W., 285; Everett, Wm., 136; Fêchet, E. G., 900; French, Thos. H., 663; Gates, Granville, 876; Geddes, Andrew, 333, 361; Guest, John, 136; Hart, Verling K., 597; Hemphill, Wm. C., 276; Johnson, Henry, Jr., 620; Lee, P. L., 423; Lincoln, Sumner H., 1040; Merritt, Chas. W., 320; McGowan, A. B., 981; Norton, C. C., 75; Notson, Wm. M., 839; O'Reilly, Luke, 320; Read, Robt. O., Jr., 300; Reno, Marcus, A., 299, 340, 360, 664, 683; Turner, Wm. J., 424; Verplanck, A. G., 508, 528.
PORTS AND STATIONS.
Adams, 429; Assiniboine, 40, 97, 148, 257, 578, 685, 833, 1001, 1062; Barrancas, Fla., 192, 817, 876, 877, 917; Bear River, 1040; Bennett, 97, 117, 136, 576; Bridger, 773; Buford, 812, 938; Camp Chelan, Wash. T., 156; Cummings, 1001; Custer, 464, 641; David's Island, N. Y. H., 491; Ellis, 464; Ft. Point, festivities at, 1070; Fred. Steele, 874; Garland, 277; Governor's Island, 1021; Hamilton, 188, 897; Keogh, 464, 621, 938; Laramie, 177, 1039; Leavenworth Prison, inspection of, 1041; Meade, 175; McDowell, A. T., 508; Monroe, 578; Muscle Shell post, 1001; Niobrara, 738, 939; Presidio, 97; Randall, 341, 423, 576; Rio Grande forts, 536; Russell, 1039; Sanders, 465, 578, 682, 703, 773; Sill, 773; Snelling, 96, 444, 528, 552, 990; Sully, 424; Vancouver, 485, 509, 685; Willet's Point, 778; Wingate, N. M., 1021; Yates, 981, 1041; Washington Arsenal for line and staff, 347; Watervliet Arsenal, 1059; White River, camp on, 429; White River, our troops at, 1062; Wyoming, bridge building in, 833.
Posts Abandoned—Bedloe's Island, 27; Carlisle Barracks, transfer to Interior Department, 57; Fort Harney, 877; Fort Ontario, 45, 57; Fort Porter, 22, 57; Fort Yates, proposed abandonment of, 1041, 1047.
References to Various Officers.
Alvord, Paymaster-Gen., Benj., retirement of, 923.
Angur, Gen., in Washington, 1061.
Benét, Gen. S. V., annual report of, 279.
Benton, Col. Jas. G., suit against, 424.
Cooke, Gen. P. St. G., on French cavalry tactics, 884; On mental and moral heredity, 646.
Crook, Gen. George, annual report of, 279; Compliment to Capt. Payne, 820; Journey to Niobrara, 25; Narrow ex-cape of, 389; opinions as to desperation of Indians, 198.
Drum, Gen. R. C., appointed Adjutant-General, 944.
Hammond, Surgeon-General W. A., restored to Army and placed on retired list, 59.
Hancock, Winfield S., 445, 780—At Gettysburg, 45—At Fort Monroe, 794—His life and services, 938—His lost jewels, 1044—Letters asking to be relieved from Warren Court of Inquiry, 989—Relieved from Warren Court of Inquiry, 979—Letter recommending abandonment of posts on Northern frontier, 819—Question of his resignation, 1043—Geo. Wilkes' opinion of, 1062.
Marcy, Inspector-Gen. R. B., annual report of, 278.
Meigs, Gen. M. C., 839.
Miles, Col. N. A., 59, 76, 779, 860, 941; On arms for our troops, 860, 863.
Ord, Gen. E. O. C., annual report of, 279; Marriage of his daughter to a Mexican General, 1044, 1062.
Pope, Gen., on tour of inspection, 1061.
Schodfeld, Major-Gen. John M., annual report of, 277; Speech at banquet of Army of Tennessee, 337.
Scott, Colonel R. N., his work on Rebellion records, 899.
Sheridan, Lieut.-General P. H., annual report of, 258; At Omaha, 1042; Birth of son, 1061; Granted sick leave, 423; His first victory, 259; In Mexico, 686.
Sherman, Gen. W. T., 426, 839; address at Fort Monroe, 865; annual report of, 257; at Chicago, 189; at Philadelphia on Decoration Day, 794; at Winnipeg, 1003; Boynton va., 561, 605; compliment to J. E. Taylor, artist, 349; inspection in New York Harbor, 861; in Kansas, 166; letters as to attending re-union, 899; letters to his brother John, 1062; on Army organization, 327; on pavements, 790; on "we old cusses," 848; opening Pacific Railroad, 1063; to Lieut. Greene on his report of Turkish war, 246; speech at New England Society dinner, 403; speech at Youngtown re-union, 143; trip to Manitoba, 1064; at Omaha, 1062.
Terry, Gen. A. H., annual report of, 279; Court-martial decision of, 492.
Townsend, Adjutant-General E. D., annual report of, 278.
Warren Court of Inquiry, 362, 367, 447, 752, 820, 840, 861, 864, 877, 904, 917, 949, 962, 979, 988, 1009.
Roster of Various Regiments.
1st Cav., 550; 3d Cav., 979; 7th Cav., 175; 8th Cav., 1060; 9th Cav., 136; 3d Inf., 891; 7th Inf., 340, 684; 8th Inf., 276; 12th Inf., 528; 13th Inf., 361; 14th Inf., 340; 18th Inf., 176; 20th Inf., 917; 21st Inf., 96; 23d Inf., 643, 981; 24th Inf., 577; Fort Garland Column, 982; New Mexico Column, 598; White River Expedition, 401.
Army Officers Commended in Orders.
Adams, 1st Lieut. John Q., 858; Baldwin, Capt. F. D., 959; Blockson, Lieut. A. P., 958; Borden, Lieut., 959; Bowen, Lieut., 959; Brayton, Capt. G. M., 959; Carr, Col. E. A., 958; Carr, Capt. C. C. C., 959; Chaffee, Capt. A. R., 958; Dodge, Capt. Francis S., 195, 255; Eckerson, Capt. T. J., 443; Farrow, Lieut. Edw. S., 400; Gardner, 1st Lieut. C., 981; Gilman, Capt. J. H., 359; Hoyt, Capt. C. H., 979; Kramer, Capt. Adam, 958; Halsey, Capt. C. S., 76; Liggitt, Lieut., 959; McLellan, Capt. C. B., 959; Mills, Lieut. S. C., 959; Mix, Capt. John, 896; Morrow, Major H. A., 664; Payne, Capt. J., Scott, 320; Perin, Surg. Glover, 737; Price, Lt.-Col. W. R., 959; Roder, Capt. John W., 156; Saxton, Lieut.-Col. Rufus, 215; Stacey, Capt. M. H., 958; Tupper, Capt. T. C., 958; Weeks, Major Geo. H., 979; Wheelan, Capt. J. N., 896; Wheeler, Lieut. Wm. H.,

✓ 17
Aug 3, 1879 - July 31, 1880

INDEX TO VOLUME XVII.—1879--'80.

Absent officer's right to command, 939.
Academy, Military. Annual report of Superintendent, 277—of Board of Visitors, 205, 1048—Annual examination at, 926, 936—Appropriation for, 903—Assignment of cadets, 961—Cadets, graduating, list of, 1890, 926—Cadets' New Year's frolic, 446—Contributions to the Army, 793—Hazing at, 63—New detail of officers, 813—Register of cadets, 1028—Register of officers and cadets, 183—Professor Michie's address on, 386—Vassar, young ladies visit to, 885—Whittaker's case (See Whittaker).
Academy, Naval, 512—Annual examination at, 926, 935—Cadet midshipmen at Hartford, 45—List of graduating cadets, 1890, 926—Midshipmen afloat, 1065—Sports at, 349—Trial of cadets at, 429.
Academy, Military, British, at Woolwich, 50—French, at St. Cyr, 633—Belgian école militaire, 184.
Acts of war, officers non-liability for, 604.
Affairs at Washington, 138, 289, 328, 348, 368, 380, 407, 583, 607, 629, 673, 693, 740, 780, 819, 862, 884, 904, 951.
Afghanistan, war in, 121, 334, 1066, 1074—Arms used in, 994—Cost of, 819—England's expenditure for, 647.
Alaska, affairs in, 924.
America, European opinions of, 653.
American Army abroad, 401.
American Blindness, 1070.
American Medical Association, proceedings of, 903.
American Observer in Turkey (Greene), 102.
André, proposed monument to, 179.
Annual reports, 226, 245, 257, 258, 262, 277, 278, 279, 301, 307, 321, 340, 341, 343.
Annuity Fund, for Army and Navy, 409.
Appointment and promotion, law of, 836.
Answers to Correspondents, 13, 32, 49, 68, 87, 108, 148, 166, 188, 208, 228, 247, 268, 292, 312, 329, 351, 371, 391, 415, 430, 456, 476, 488, 542, 567, 588, 611, 631, 655, 678, 697, 717, 740, 763, 776, 794, 824, 867, 887, 908, 928, 951, 972, 985, 1003, 1042, 1072.
Arctic Expeditions, 733—Hall's second, 562—Howgate, the, 815, 861, 883, 896, 1061, 1063—Jeannette, the, 98—Nordenskjöld's triumph, 101.
Armies, Foreign.
Army, Abyssinian, 88.
Army, Austrian, 190, 206; Age of men, 522; Ammunition for, 633; Cost of, 825; Manoeuvres of, 846; Military funeral, 633; Military prison for, 353; Nationalities composing, 417; Pay of officers, 766; Strength of, 398, 416, 436, 522, 634; Telephone, 438.
Army, Belgian, 393; Ecole Militaire, 184.
Army, British, 109; Of eighteen seventy-ninety, 124, 634; Age of recruits, 26; Bears in, 146; Boys in, 962; Casualties in, 89; Cavalry, barracks for, 740; Commissariat and transport departments, 614; Cost of, 825; Cowardice in, 327, 363; Discontent in, 1054; Discipline in, 186, 614; English soldier, 94; Estimates for, 672; Foreigners in, 678; Flogging in, 14, 27, 1054; Horses in, number of, 766; In India, 417; Judges Advocate of, 34; Method of wearing cap, 9; Mortality in, 967; Musketry instruction for, 373; New boat for, 417; New sword bayonet for, 228; Officers as investors, 649; Officers of, in Parliament, 736; Promotion in, 248; Proportion of bad characters in, 190; Recruiting for, 614; Religious persuasions in, 10; Retirement in, 698; Revolvers for, 153, 186; Study of Sherman's campaigns in, 25; Top heavy, 1068; Uniforms of, 350, 786; Use of Queen's shilling in recruiting, 88; Volunteer force, 569, 570, 910.
Army, Burmese, 88; Review of, by King Theben, 148.
Army, Canadian, the, 34, 70, 169, 458, 658, 694.
Army, Chinese, 1074; Arsenal, 1005; New arms for, 1084; Rifle practice in, 190.
Army, Dutch, 500.
Army, French, 589, 785, 846; Artillery strength, 628; Autumn manoeuvres, 280; Abolishing staff, 599, 923; Age of men, 522; Age of officers in, 248; Ambulance map for, 569; Appropriations for, 786; Changes in uniform, 417; Chaplains to be dispensed with,

766; Cost of, 825; Drafting clergy for, 1064; Drummers to be abolished, 109, 742; French and German compared, 613; Geographical pocket handkerchief for, 33; Infantry and artillery, 358; Losses in Franco-Prussian war, 994; Military service in, 1054; Military school at St. Cyr, 633; New pack saddle for, 293; New uniform unsatisfactory, 354; Oath administered to, 966; Officers in, 564; Pay of officers, 545; President Grevy on, 1073; Project of law for, 671; Proportion of effectives in, 417; Recruits in, 34; Saluting the Host, 478; Spectacles in, 105, 416, 570, 846, 1239; Stammering in, 654, 869.
Army, German, 570, 589, 869; Brutality in, 88, 123, 137, 846; Age of men, 522; Annual review at Berlin, 185; Artillery school for, 168; Autumn manoeuvres, 184, 869; Casualties in, 804; Cavalry adopt revolver, 50, 144; Coast artillery regiment, 70; Cost of, 825; Curious shooting match in, 354; Drafting clergy for, 804; Increase of, 34, 417; Lances for, 910; Number of men in, 13; Retirement in, 909; Review of, 46; Sense of duty in, 436; Strength of, 416, 697; War cries of, 908.
Army, Greek, 968, 1090.
Army, Italian, 190; Armament of, 88; Cost of, 825; Strength of, 416.
Army, Japanese, 670.
Army, Norwegian, Corps of skaters in, 418.
Army, Persian, Artillery for, 261; Military College for, 169.
Army, Peruvian, 554.
Army, Roumanian, Arms for, 452, 910.
Army, Russian, 1074; Barrack accommodation for, 34; Condition of, 1034; Cost of, 825; Dishonesty in, 109; Discipline in, 544, 658; Horse biscuits for, 804; Inspection by Czar, 570; Lieut. Greene's observations on, 102; Medical staff of, 109; Military manoeuvres, 46, 89; Military settlements, 50; Rifle practice in, 501; Road engines in, 188; Reorganization of, 826; Revolvers for, 804; Small arms for, 590; Strength of, 416; Suicides in, 994; Use of telegraph by, 456, 500.
Army, Spanish, 310, 656; Strength of, 698.
Army, Swiss, 657.
Army, Turcoman, 467; Arms of, 70.
Army, Turkish, 293, 328; Strength of, 436.
Army, Zulu, 89; List of, 50; Organization of, 68.
Armies of Europe, 248.
Armor, compound, 612.
Armored vessels, architectural development of, 1025.
Armor and Gun, 764.
Army and Navy Budgets of Europe, 825.
ARMY AND NAVY JOURNAL, notice of, 475.
Army family, an old, 1030.

ARMY OF THE UNITED STATES.
N. B.—The classified references to regiments and staff corps under their various headings in the "Army" department of the JOURNAL are not included in this index.
Appointments and promotions in the Army, 4, 21, 250, 276, 362, 378, 381, 445, 529, 577, 621, 643, 682, 684, 685, 751, 773, 812, 833, 855, 876, 917, 967, 988, 981, 1039.
Casualties among officers. (See weekly publication under "Army.")
Casualties among enlisted men, 56, 157, 176, 301, 489, 728, 791, 812, 832, 855, 1040, 1060.
Decisions, War Department (in letters), 55, 75, 195, 443, 444, 729.
General Orders, Hdqrs. of Army, Series of 1879, No. 72, p. 39—(For Nos. 73 and 77 see last volume)—Nos. 78, 79, p. 3—Nos. 80, 81, p. 19—Nos. 82, 83, p. 39—No. 84, p. 75—Nos. 85, 86, p. 30—No. 87, p. 75—Nos. 88, 89, p. 55—No. 90, p. 75—Nos. 91, 92, p. 95—No. 93, p. 115—No. 94, p. 155—No. 95, p. 196—No. 96, p. 215—No. 97, p. 235—No. 98, p. 266—No. 99, 100, p. 319—No. 101, p. 339—No. 102, p. 359—No. 103, p. 339—No. 104, p. 340—Nos. 105, 106, p. 379—Nos. 107, 108, 109, 110, p. 380—No. 111, p. 399—No. 112, p. 443—Nos. 113, 114, 115, p. 399—Series of 1880, No. 1, p. 440—Nos. 2, 3, p. 483—Nos. 4, 5, 6, 7, 8, p. 527—No. 9, p. 551—Nos. 10, 11, 12, 13, p. 576—No. 14, p. 619—Nos. 15, 16, p. 641—Nos. 17, 18, 19, 20, p. 663—No. 21, p. 750—No. 22, p. 771—No. 23, p. 750—No. 24, p. 771

No. 25, p. 792—No. 26, p. 791—Nos. 27, 28, 29, 30, 31, 32, 33, p. 811—Nos. 34, 35, p. 831—Nos. 37, 38, p. 853—No. 39, p. 875—Nos. 40, 41, p. 937—No. 42, p. 875—No. 43, p. 915—No. 44, p. 937—No. 45, p. 879—No. 46, p. 937—No. 47, p. 915—No. 48, p. 950—No. 49, p. 915—Nos. 50, 51, p. 937—No. 52, p. 961—No. 53, p. 959—Nos. 55, 56, p. 999—Nos. 57, 58, p. 1019—No. 59, p. 1039.
Military Divisions, Departments, and Districts, Orders from: Arizona, 3, 75, 399, 527, 663, 937, 959, 1019—Atlantic, 39, 155, 195, 527, 771, 853, 915—Columbia, 39, 115, 155, 175, 215, 255, 399, 463, 527, 575, 663, 683, 771, 895, 915, 909—Dakota, 275, 483, 575, 703, 791, 875, 1019—East, 362, 527—Missouri, 3, 19, 115, 155, 175, 380, 443, 463, 619, 750, 831, 853, 937, 1019—New Mexico, 19—Pacific, 19, 39, 75, 175, 463, 483, 875, 959—Platte, 19, 135, 215, 275, 359, 463, 483, 683, 937—South, 19, 155, 175, 235, 319, 463, 527, 619, 750, 831, 909, 1059—Texas, 39, 115, 319, 399, 423, 443, 463, 483, 507, 619, 663, 683, 750, 771, 875, 937, 1059—Yellowstone, 959.

GENERAL COURTS-MARTIAL.

Armes, Geo. A., 916; Bentley, Edwin, 319; Catley, Henry, 876; Clark, Edwin R., 916; Cummings, J. F., 960; Davidson, John W., 285; Everett, Wm., 136; Fêchet, E. G., 900; French, Thos. H., 663; Gates, Granville, 876; Geddes, Andrew, 333, 361; Guest, John, 136; Hart, Verling K., 597; Hemphill, Wm. C., 276; Johnson, Henry, Jr., 620; Lee, P. L., 423; Lincoln, Sumner H., 1040; Merritt, Chas. W., 320; McGowan, A. B., 981; Norton, C. C., 75; Notson, Wm. M., 839; O'Reilly, Luke, 320; Read, Robt. O., Jr., 300; Reno, Marcus, A., 299, 340, 360, 664, 683; Turner, Wm. J., 424; Verplanck, A. G., 508, 528.

FORTS AND STATIONS.

Adams, 429; Assiniboine, 40, 97, 148, 257, 578, 685, 833, 1001, 1062; Barrancas, Fla., 192, 817, 876, 877, 917; Bear River, 1040; Bennett, 97, 117, 136, 576; Bridger, 773; Buford, 812, 938; Camp Chelan, Wash. T., 156; Cummings, 1001; Custer, 464, 641; David's Island, N. Y. H., 491; Ellis, 464; Ft. Point, festivities at, 1070; Fred. Steele, 874; Garland, 277; Governor's Island, 1021; Hamilton, 188, 897; Keogh, 464, 621, 938; Laramie, 177, 1039; Leavenworth Prison, inspection of, 1041; Meade, 175; McDowell, A. T., 508; Monroe, 578; Muscle Shell post, 1001; Niobrara, 738, 939; Presidio, 97; Randall, 341, 423, 576; Rio Grande forts, 536; Russell, 1039; Sanders, 465, 578, 682, 703, 773; Sill, 773; Snelling, 96, 444, 528, 552, 990; Sully, 424; Vancouver, 485, 509, 685; Willet's Point, 778; Wingate, N. M., 1021; Yates, 981, 1041; Washington Arsenal for line and staff, 347; Watervliet Arsenal, 1059; White River, camp on, 429; White River, our troops at, 1062; Wyoming, bridge building in, 833.
Posts Abandoned—Bedloe's Island, 27; Carlisle Barracks, transfer to Interior Department, 57; Fort Harney, 877; Fort Ontario, 45, 57; Fort Porter, 22, 57; Fort Yates, proposed abandonment of, 1041, 1047.

References to Various Officers.

Alvord, Paymaster-Gen., Benj., retirement of, 923.
Angur, Gen., in Washington, 1061.
Benét, Gen. S. V., annual report of, 279.
Benton, Col. Jas. G., suit against, 424.
Cooke, Gen. P. St. G., on French cavalry tactics, 884; On mental and moral heredity, 646.
Crook, Gen. George, annual report of, 279; Compliment to Capt. Payne, 820; Journey to Niobrara, 25; Narrow ex-

cape of, 389; opinions as to desperation of Indians, 198.
Drum, Gen. R. C., appointed Adjutant-General, 944.
Hammond, Surgeon-General W. A., restored to Army and placed on retired list, 59.
Hancock, Winfield S., 445, 780—At Gettysburg, 45—At Fort Monroe, 794—His life and services, 938—His lost jewels, 1044—Letters asking to be relieved from Warren Court of Inquiry, 989—Relieved from Warren Court of Inquiry, 979—Letter recommending abandonment of posts on Northern frontier, 819—Question of his resignation, 1043—Geo. Wilkes' opinion of, 1062.
Marcy, Inspector-Gen. R. B., annual report of, 278.
Meigs, Gen. M. C., 839.
Miles, Col. N. A., 59, 76, 779, 860, 941; On arms for our troops, 860, 863.
Ord, Gen. E. O. C., annual report of, 279; Marriage of his daughter to a Mexican General, 1044, 1062.
Pope, Gen., on tour of inspection, 1061.
Schofield, Major-Gen. John M., annual report of, 277; Speech at banquet of Army of Tennessee, 337.
Scott, Colonel R. N., his work on Rebellion records, 899.
Sheridan, Lieut.-General P. H., annual report of, 258; At Omaha, 1042; Birth of son, 1061; Granted sick leave, 423; His first victory, 259; In Mexico, 686.
Sherman, Gen. W. T., 426, 839; address at Fort Monroe, 865; annual report of, 257; at Chicago, 189; at Philadelphia on Decoration Day, 794; at Winnipeg, 1003; Boynton va., 561, 605; compliment to J. E. Taylor, artist, 349; inspection in New York Harbor, 861; in Kansas, 166; letters as to attending re-union, 899; letters to his brother John, 1062; on Army organization, 327; on pavements, 790; on "we old cusses," 848; opening Pacific Railroad, 1063; to Lieut. Greene on his report of Turkish war, 246; speech at New England Society dinner, 403; speech at Youngtown re-union, 143; trip to Manitoba, 1064; at Omaha, 1062.
Terry, Gen. A. H., annual report of, 279; Court-martial decision of, 492.
Townsend, Adjutant-General E. D., annual report of, 278.
Warren Court of Inquiry, 362, 367, 447, 752, 820, 840, 861, 864, 877, 904, 917, 949, 962, 979, 988, 1009.

Roster of Various Regiments.

1st Cav., 550; 3d Cav., 979; 7th Cav., 175; 8th Cav., 1060; 9th Cav., 136; 3d Inf., 891; 7th Inf., 340, 684; 8th Inf., 276; 12th Inf., 528; 13th Inf., 361; 14th Inf., 340; 18th Inf., 176; 20th Inf., 917; 21st Inf., 96; 23d Inf., 643, 981; 24th Inf., 577; Fort Garland Column, 982; New Mexico Column, 598; White River Expedition, 401.

Army Officers Commended in Orders.

Adams, 1st Lieut. John Q., 858; Baldwin, Capt. F. D., 959; Blockson, Lieut. A. P., 958; Borden, Lieut., 959; Bowen, Lieut., 959; Brayton, Capt. G. M., 959; Carr, Col. E. A., 958; Carr, Capt. C. C. C., 959; Chaffee, Capt. A. R., 958; Dodge, Capt. Francis S., 195, 255; Eckerson, Capt. T. J., 443; Farrow, Lieut. Edw. S., 400; Gardner, 1st Lieut. C., 981; Gilman, Capt. J. H., 359; Hoyt, Capt. C. H., 979; Kramer, Capt. Adam, 958; Halsey, Capt. C. S., 76; Liggitt, Lieut., 959; McLellan, Capt. C. B., 959; Mills, Lieut. S. C., 959; Mix, Capt. John, 896; Morrow, Major H. A., 664; Payne, Capt. J., Scott, 320; Perin, Surg. Glover, 737; Price, Lt.-Col. W. R., 959; Roder, Capt. John W., 156; Saxton, Lieut.-Col. Rufus, 215; Stacey, Capt. M. H., 958; Tupper, Capt. T. C., 958; Weeks, Major Geo. H., 979; Wheelan, Capt. J. N., 896; Wheeler, Lieut. Wm. H.,

896: Wilhelm, Captain Thomas, 287.
Enlisted men commended in orders.
Dowd, Private Morris, 400.
Hickey, Sergt. R. M., 301.
Robinson, Joseph, Private, 642.

Army Register for 1890, 605.

Artillery, 217—Annual examination, 798, 814.

Artillery School at Fort Hamilton, 343.

Attorney-General, decision of, as to officers of Army on surveys, 903.

Autographs of Heroes, 325.

Bad Lands explored, the, 1030.

Base Ball in Army, 642, 773, 798, 877, 1059.—In the Navy, 43, 343, 939, 1059.

Bayonet, Uses of, 454.

Bellows, Paymaster, case of, 606, 1072.

Berlin, plan for defence of, 634.

Berthon Duplex Dingy, the, 1048.

Bills before Congress (See Congress).

Bogota, American influence in, 779.

Books Noticed—About Grant [Swift], 600; Adaptability of Gatling Gun for Naval Purposes [Folger], 672; American Bicycle, the, 943; American Hoyle, the, 908; Ancient and Honorable Artillery, 241st Annual Record of, 187; American Inventions and Improvements in Breech-Loading Small Arms, etc. [Norton], 946; A Private Chapter of the War, 1901-5 [Geo. W. Bailey], 1893; Appointment and Promotion [Birkheimer], 896; Arms or Tactics [Capt. King], 635; Armies of the World [Norton], 888; Around the World with Gen. Grant [Young], 452, 887, 953; Biography of Von Roon, 143; Bulletin of U. S. National Museum, 145; Command of the Army, 409; Cruise of the Florence, 244; Experiments on Strength of Wrought Iron and Chain Cables [L. A. Beardslee], 1068; Health and Health Resorts [Wilson], 729; History of Honorable Artillery Company, 537; History of 32d Mass. Vols. [Parker], 893; History of 84th Mass. Vols. [Lincoln], 104; Hygiene and Public Health, 82; Instructions for N. C. Officers [Capt. Louis Ploeger], 228; Instruction in the Elements of the Art and Science of War [Prof. Wheeler], 109; Kosuth's Memoirs, 887; Lady's Life in the Rocky Mountains, 445; Leaves from a Lawyer's Life Afloat and Ashore [Cowley], 123; Life of Admiral Farragut, 236; Manual of Service [Huidekoper], 45; Manual of Service [Reed], 731; Military and Naval Encyclopedia [Capt. Wilhelm], 8th Infantry, —; Naval and Ordnance Gunnery, 671; Our Frontier Posts [Brackett], 198; Our Indian Wars [Manypenny], 671; Personal Narratives of Rebellion [Phillip S. Chase], 1063; Radical Mechanics of Animal Locomotion [Wainwright], 861; Regimental Chronicle of 60th Rifles, 891; Russian Campaign [Greene], 63, 102; Sea Sickness, 920; The Floating Naval Material of the Maritime Powers, 946; Torpedoes and Torpedo Warfare [Sleeman], 778.

Bread ration, the, 840.

Brevet appointments, 540.

Bullets, drift and vertical deviation of, 104.

California Pioneers, 49.

Campaigns of General Lee, 98.

Canada as a war power, 694.

Canadian armaments, 658.

Cannon for monuments, 584.

Carey, case of Captain, 103.

Carrier pigeons, 189, 458.—In French army, 243.

Cartridge box, the Hitchcock, 404.

Cartridges, explosive, for small arms, 882.

Cavalry Tactics, the new French, 894.

Certificates of merit to soldiers, 619.

Chambliss, William P., case of, 794.

Chaplains, appointment of, 555, 579, 626.

Chesapeake, capture of, account by Rear-Admiral Preble, 103.

Chili-Peruvian war, 12, 84, 181, 261, 263, 390, 398, 888, 895, 409, 437, 498, 553, 649, 706, 740, 777, 801, 826, 942, 987, 999, 1002, 1027—Incident of, 804—Chilians at Callao, 928—Capture of the Rimac (for Huascar, see Navy, Peruvian).

China and Russia, 1074.

China, Woosung Harbor, 625. (See Army and Navy.)

Civilian appointments, 5, 21, 29, 1061.

Clerks, civilian, pay of, 883.

Clubs, English service, 600—Army and Navy, New York, 347—Aster Club, 124, 404, 445.

Coast Guard, the English, 690.

Coast Survey, 243, 449.

Coffee a remedy for typhoid fever, 590.

Colleges. (See State Colleges.)

Collins, Joseph B., right to pay for two offices, 888.

Color line, the, Captain Nolan on, 176.

Command of the Army, Gen. Fry and Col. Wherry on, 203.

Command, regimental, succession in, decision by Gen. Sherman, 29.

Company quarters, better lighting of, 847.

Company tailors, 862.

Congress, 347, 350, 370, 390, 412, 447, 449, 467, 490, 510, 537, 559, 578, 599, 706, 736, 760, 775, 795, 822, 841, 856, 878, 893, 900, 925, 942—and the Service, 346, 347.

Congress and coastwise defence, 574.

Congressional economy, 1067.

Contract surgeons, their duties, etc., 798.

Cooking for the Army, 284.

Court-martial: Boynton's charges against General Sherman, 590.

Custer monument, 63—Dedication of, 83.

Custer, poems on, 141.

Dallas, portrait of Secretary of War, 493.

Davis, Gen. Jeff. C., killing of Gen. Nelson by, 404.

Decoration Day in New York and elsewhere, 899.

De Lescaps in New York, 612.

Desertions in Division of Pacific, 648.

Detached service, list of officers on, 900.

Diamond Reef, Gen. Newton's work on, 1025.

Drum abolished in French army, 570.

Drum majors, are they necessary, 1048.

Dutch system of national defence, 500.

Eads jetties, the, 810.

Egypt and Abyssinia, 431.

Electric light, 33.

Elmira Centenary, the, 84.

England and Canada, 859.

England and her colonies, 490.

England as a naval power, 713—Elections in, 797—Service matters in, 952.

Equipment, board on, 10, 40, 144; cork helmets, 95, 969; field stove, 362; Hobbs' tent, 877; infantry uniform, 433; lighting company quarters, board of officers on, 347; Merriam knapsack, 320; wheeled traves, board on, 401.

Estimates for 1890-1891, 310, 705.

Europe, military expenditures of, 599—military strength of, 850.

Evolutions of European squadrons, 335.

Expense and value of the Army, 553.

Explosive or poisonous balls, article on, by Rev. H. E. Hayden, 466.

Farragut, statue of, 1062.

Foreign decorations, 830.

Fog signals, 234.

Fort Fisher, reminiscences of, 1049.

Fort, chilled armor for, 478.

Fort, iron in German, 33.

Fowler wheels, the, 535.

Franco-German war, cost of, 589.

Freemont, Gen. J. C., suit against, 426.

French budget for 1890, 545.

Frontier posts, Army life at, by Col. Brackett, 198.

Gambetta, life of, 45.

Gardfield, Gen. Jas. A., 452—Life of, 45—On Regulars and Volunteers, 964.

Garrison duty, Capt. Cushing on, 1047.

Geographical pocket handkerchiefs, 83.

German battle of Dorking, 743.

German Empire, fortification of, 838, 502.

Grant, Gen. U. S., at Tokio, 59—Letters from Tokio, 119—At San Francisco, 143—In Oregon, 200—Opinion of Sherman, 832—Speech at Philadelphia on veterans, 418—Opinion of Stanton, 495—His income, 1022.

Gun cotton, 130, 189.

Gun metal, 25.

Guns and the Golden Age, 713.

Guns, heavy, 333—American and European, 706—Artillery experiments at Sandy Hook, 38—Austrian, 149—Divisible artillery, 34—For harbor defences, 471.

Guns, heavy, of foreign powers, 169—English and German, 149, 298—English, explosion of 88-ton gun, 544, 561, 579, 651—Eighty-one ton gun at Shoeburyness, 307—Trials of muzzle-loaders, 50—Trials with heavy, at Shoeburyness, 999—100 ton gun, 30—Palliser system, 555, 709, 736, 1074—Gun storm brewing, 1063—Trials at Woolwich, 269—Endurance of steel-lined, 653—Relative power of British and foreign, 149.

Guns, heavy French, 609—Experiments at Pottiers, 248.

Guns, heavy, Italian experiments at Spezia, 66, 200—100 ton gun, 34, 1970—Draught, explosion on, 689, 859.

Guns, heavy German, Krupp's, 65, 201, 223, 243, 308.

Guns, machine, 50, 880, 655, 735, 1007—Gardner, the, 838, 844—Gatling, the, 402—Work of the, 415—In British navy, 478—Triumph of, in England, 609—For naval purposes, 317—New, 773—In Zulu war, 1059—Hotchkiss, the, 706, 749, 856, 961, 1069—Hotchkiss and Nordenfeldt, 777, 946, 947, 1084—Nordenfeldt, experiments with, at Woolwich, 70—In British land service, 457.

Guns (small arms), American, 446—American experiences with, in Turkish war, 495—Berdan rifle in Russia, 34, 1074—Breech-loader, the first, 706—

Breech-loader, new, 733—Explosive cartridges for small arms, 552—Generals Miles and Benét on small arms, 186—Manufacture of small arms, 1069—Morse patents for breech-loaders, 693—Musketry fire at long range, 205—Magazine, the Hotchkiss, 144—Magazine gun, new service, 757—Military firearms, superiority of, 437—Muskets and spade, 44—Peabody-Martini rifle in England, 996—Quackenbush air-gun, 333—Remington rifle, long range shooting with, 972—Tested in Argentina, 1072—Sharps rifle, 34—Springfield rifle at long range, 244—Winchester rifle, merits of, 888.

Gun, the multi-charge, 986.

Harbor and coast defence, 295, 509, 539, 568, 757, 759, 904—Engineer's Corps report on, 61, 75, 161—Gen. Hancock's views on, 471—Broad Arrow on American, 845—Our sea coast defences, 1069.

Harney, Gen. W. S., as an athlete, 1069.

Haupt, General Herman, his plan of river improvement, 898.

Hayes, President R. B., on Gen. Meade, 904.

Herkimer's, Gen., military order, 7.

Herrshoff steam yachts, 563.

Hints for the Line, 759, 780, 840, 862, 1049.

Hood, Gen. John B., fight with Indians, 188.

Hooker, Gen. Joseph, anecdotes of, 409—Life and services of, 262—Funeral of, 266, 267.

Homesteads for soldiers and sailors, 181.

Horses, Army, vital statistics of, 928.

Hygiene, military and naval, 82.

Indiana—Indian Affairs, 178, 377, 347, 363, 392, 412, 564, 623, 676, 698, 884, 905, 946, 970, 982, 1011, 1021, 1028, 1048—Apache campaign, 704—Arizona, 578, 793, 838, 855—Congratulatory orders by Generals Terry and Miles, 57—Dakota, 530—Dakota police force, 208—Fight near Fort Custer, 737—Frauds at Standing Rock, 1061—Idaho, in, 77—Inspection of Indian camps, 136—On Mexican border 49—Miles, Gen., campaign, 23, 41—Milk River disaster, 103, 177, 597—Heroes of Milk River fight, 236, 321—Legislature, Wyoming, on heroes of, 321—Montana, 97, 704—In New Mexico, 118, 187, 445, 464, 491, 516, 643, 751, 773, 793, 1069—Ouray at Los Pinos, 429—Poncas, the, 583—School at Carlisle Barracks, 59, 178, 185, 847—Sitting Bull's band, 9—Surrender of the Chalmiehuevis, 930—Treatment of Northern Cheyennes, 516—Ute war, the, 157, 177, 182, 196, 217, 237, 264, 982—Ute commission, 1069—Gen. Sherman's plan for, 844—Lessons of the, 430—Parallel for the, 242—What Indian wars have cost us, 285—White River, 301, 322.

Infantry Captains, shall they be mounted, 27, 1074—Fire of, in modern war, 202, 203, 427, 437, 1038—Fire of, in the future, 203, 1033—Infantry uniform, 265—Value of mounted, 390.

Irish Relief Fund, 714, 715.

Isthmus Canal Projects, 25, 88, 108, 105, 405, 477, 582, 961, 863, 1065.

Johnston, A. S., death of, 1070.

Johnston, Gen. J. E., reception to, at Nashville, 884.

Jouett, Captain Jas. E., case of, 626, 648, 670, 839, 923, 924.

Kearney, General Phil., reminiscences of, 445.

Kriegspiel, American game of, 486.

Laundresses, views as to abolition of, 472.

Law, Military, Gen. Sherman on, 1065.

Law of the Sea. (See Rules of the Road at Sea.)

Lee, General R. E., on the Rebellion, 22.

Lessons of our civil war, 85.

Life saving apparatus, 947.

Lincoln to Hooker, 973.

Literature in Army, 900.

Lincoln, President, why he told stories, 832.

Longstreet on Johnston and Lee, 58.

Losses in collecting and disbursing revenue, 1070.

Mallory propeller, the, 481.

March to the Sea, claims for credit of Gen. Sherman's, 514.

McClellan's Virginia campaigns, 712.

Merchant steamers, subsidies to 513.

Merv, on to, 64.

Meteorite sword, a, 179.

Metternich, memoirs of 558.

Mexican Guerilla war, incident of, 952.

Mexican veterans, 138—Military and naval, 78, 104, 123, 164, 241, 632—List of, 78, 304, 225, 361, 285, 349.

Mexico, memories of, 138.

Military convention at St. Louis, 206.

Military Institute of Virginia, 692.

Military Service Institute at West Point, list of papers read before, 947.

Military Service Institution of U. S., 208, 347, 451, 643, 649—Journal of, 654, 757, 1008.

Military inventions, 10, 23, 64, 180, 310, 408, 494, 491, 609, 653, 668, 687, 751, 776, 795, 837, 863, 888, 906, 1009, 1029, 1049.

Military law, Gen. Sherman's papers on, 923.

Military journalism, 82.

Military telegraphs, 930.

MILITIA.

Alabama, 843, 867.

Annual Inspections of State troops, 227, 630.

Armories and drill rooms, 587.

Artillery, 12, 107, 167, 227, 247, 267, 371, 519, 611, 763, 786, 824, 927.

Athletics in National Guard, 808.

Benét's, Gen., military project, 568.

British General's opinion of a Brooklyn regiment, 834.

California, 32, 147, 187, 207, 228, 291, 414, 455, 476, 542, 567, 631, 655, 696, 719, 739, 762, 804, 845, 867, 887, 973, 1012, 1050.

Canadian militia, 13, 84, 329.

Cavalry, 227, 588, 1072.

Civil organization of militia companies, 474.

Code military, 1051; sec. 124, p. 784; revision of the, 1061.

Congress v. the National Guard, 414.

Connecticut, 32, 86, 87, 107, 147, 148, 187, 189, 351, 391, 415, 455, 456, 475, 499, 542, 631, 654, 696, 734, 823, 844, 867, 887, 907, 1032, 1051.

Courts-martial B. N. Y., 971, 1050; a modern, 228; regimental, 566.

Creedmoor, cavalry and artillery at, 971.

Distances in columns of four, 67.

Duty required in the Nat. Guard S. N. Y., 1031.

File and volley firing, 991.

General Headquarters S. N. Y., 762.

Georgia, 187, 228, 247, 542.

Hints and helps for National Guardsmen, 630.

Honoring the Confederate dead, 927.

Hooker's, General, funeral, escort for, 267.

- 588, 611, 684, 719, 738, 753, 784, 808, 824, 867, 928, 982, 1032, 1071; Old Guard, 370, 476, 542; 32d Infantry, 47, 187, 466, 476, 588, 654, 804, 906, 991, 992; 26th Bat., 1062; 47th Infantry, 31, 129, 187, 267, 311, 329, 371, 416, 567, 587, 611, 680, 676, 696, 718, 806, 906, 981, 971, 1031; 48th Infantry, 247, 542, 587, 611, 690, 676, 765, 907, 908; 49th Infantry, 247, 291, 292, 329, 763; 51st Infantry, 187, 267, 371, 391, 567, 588, 611, 631, 719, 763; 54th Infantry, 247, 824; 65th Infantry, 187, 414, 542, 611, 1012; 69th Infantry, 542, 588, 610, 634, 676, 784, 824, 866, 887, 1012; 71st Infantry, 267, 311, 455, 476, 588, 611, 739, 784, 804, 843, 1050; 74th Infantry, 475, 611, 1012.
- New York National Guard, Gov. Cornell on, 454.
- North Carolina, 168.
- Ohio, 12, 32, 48, 86, 128, 207, 227, 290, 414, 454, 476, 520, 630, 631, 784, 804, 824, 1051.
- Pennsylvania, 12, 31, 48, 67, 86, 127, 168, 187, 207, 247, 292, 302, 329, 370, 391, 415, 455, 500, 520, 542, 567, 588, 611, 630, 654, 695, 696, 718, 719, 739, 763, 783, 803, 823, 824, 867, 908, 927, 972, 991, 1012, 1032, 1051.
- Practical instruction for N. G., 31.
- Regulars and militia, 643.
- Reunion of Wisconsin Veterans, 950.
- Rhode Island, 32, 107, 128, 207, 370, 414, 454, 631, 696, 804, 908, 1032, 1051.
- Signal Service in National Guard, 329.
- Signalling in N. G., 908.
- Skirmish drill, 290.
- Social side of the National Guard, 783.
- Staff duties, lecture by Maj. J. P. Sanger, 763.
- Tennessee, 208, 656, 711, 908, 927.
- Uniform and equipment fund, 718.
- Vermont, 128, 1072.
- Virginia, 476.
- West Virginia, 476.
- Whitman saddle in National Guard, 824.
- Wisconsin, 228, 696, 718, 739, 762, 824, 887, 927, 950.
- RIFLE PRACTICE.**
- 5, 41, 44, 46, 57, 77, 97, 137, 157, 188, 208, 228, 291, 329, 351, 371, 391, 415, 435, 455, 520, 542, 567, 588, 631, 655, 676, 696, 719, 739, 763, 784, 799, 804, 813, 824, 867, 928, 972, 992, 1012, 1051; Class practice, 520, 655, 784, 824; In Army, 67, 68, 76, 248, 476, 500, 543, 567, 631, 655, 676, 697, 763, 844, 887, 887, 972, 992, 1012, 1020, 1032, 1040, 1052, 1059, 1072; Figure of merit, 391; In Navy, 201; In State troops (see Militia); In Russian army, 501; Its uses and abuses, 267, 291, 520; Progress in New York, 453.
- American Team at Wimbledon, 1052, 1072.
- Back position, the, 28, 48, 415.
- Bay View Range, 676.
- Brinton Range, N. J., 129, 188, 804, 972, 1033, 1072.
- Buffalo, N. Y., Range, 1072.
- Columbia Range, 87, 1052.
- Dollymount, 908, 992, 1071.
- Endurance match, 1012.
- International match, 676, 784, 804, 887, 908, 972, 992, 1032, 1051.
- Marksmen's badge, 167, 228, 291, 351, 824, 844, 928, 1032.
- Military sights, 228, 291, 739.
- Militia v. Regulars, 951.
- National Rifle Association, 12, 31, 291, 351, 391, 455, 476, 543, 631, 655, 739, 763, 784, 972, 1033, 1051; Creedmoor, 31, 87, 108, 122, 123, 675, 1071; Everybody's match, 96; Fall meeting (1879), 106, 125, 145; Remington match, 107; Army at, 142.
- Nevada Badge, 228, 248, 267, 311, 588, 631, 971, 1032, 1071.
- Premature explosion of reloaded shells, 471.
- Rifle firing, Laidley's work on, 122, 146, 184, 606; v. Wingate, 204, 244, 432; Enjoined, 583.
- Stockton Range, 740, 887, 1072.
- Targets invented by Lieut. Squires, 455.
- Target practice (see Rifle Practice).
- Volley firing, 928.
- Milk River, battle of (see Indians).
- Mississippi River commission, 32.
- Mobile Bay, battle of, 988, 1029—Fight in, redivivus, 1069.
- Monroe doctrine reaffirmed, 651.
- Napoleon and the Southern Confederacy, 163.
- Napoleon, Rémusat's memoirs of, 427.
- Napoleon, Prince, particulars of death of, 1074.
- National foundry, Gen. Scott's opinion as to establishing, 474.
- National resources and needs, 142.
- Navies of Europe, 741—Armored ships of, tonnage of, 589—Austrian, enlistment and apprentice system, 1073.
- Navy, American.**
- Appointments, Promotions, Commissions, and Casualties. See Navy Gazette in each number.
- Appropriation bill 1880-81, 733—Asylum, assignment of Rear-Admiral to, at Philadelphia, 516—Circulars and orders, see each number. Civil liberty, the Navy and, 408—Coffee house for, 240, 261—Condition of our Navy, 511—Congress, Navy in, 755—List of officers applying to, 919—Construction fund for the, 691—Constructors and engineers, 305—Courts-martial, decision by Judge Nelson, 531—Deaths in Navy, see the Obituaries and Navy Gazette in each number. Examining boards, naval, 1049—Expenses of, how to curtail them, 940—Gazette, Navy (see each number)—Good sense for the Navy, 1032—Inspection at Hampton Roads, 221—Institute, 161, 221, 230, 261, 342, 400, 535, 908—Judge-advocate for, 515, 985—Le Roy Board, report of, 460—Lyceum, naval, at the New York Navy-yard, 8—Machinists for the Navy, 555—Marine Corps, contraction of, 123—Enlisted men to be paid monthly, 985—Reforms in the, 987—Medals of honor, 261—Monitors, appropriation for construction of, 908—Boards to examine, 733—Double-turreted, 324, 716, 837—English iron for American, 141—Iron-clads v. Gunboats, 30—Miantonomoh, the reconstructed, 965—Mosquito fleet, the, 243—Mutual Aid Association, 7, 9, 45, 246, 449, 675—Naval policy, need of, 470—Naval Yarns (see Sea Poems). Navy Register for 1880, 649—Nichols, Rear Admiral, compliments a Spanish officer, 80; hauls down his flag, 342—Ordnance instructions for Navy, 651—Our Navy, 590, 798—Porter, Admiral D. D., his daily life, 899—Reconstruction, naval, 717—Reed habeas corpus, 240, 283—Reforms needed in, 489, 511, 563—Reminiscence, a naval, 87—Reports, Annual, 364; 1879, p. 343; Secretary's, 307; Surgeon-General's, 406—Seamanship, instruction in, ordered by Rear-Admiral Wyman, 181—Secretary Thompson at Hampton Roads, 1201; in California, 1043; eloquence of, 1063—Speech of Mr. A. A. Low on Navy, 647—Suggestions, Naval, 670—Training ship system, 450—Wales, Surgeon-General P. S., 233, 305, 366—Confirmation of, 575—Warrant officers in Navy, 407—Wateree, wreck of, used as a target, 80—What shall be done for our Navy, 944—Wyman, Rear-Admiral, at Santiago de Cuba, 1064—Yards, Navy, and naval stations, reports from, Brooklyn, 43, 105, 304, 342; Boston, 261; Charleston, 863; League Island, 7, 805; Mare Island, 342, 625; Norfolk, 60, 80; Portsmouth, 625; Washington, 858—(See also weekly report of Navy vessels in commission.)
- Navy, British, 765, 786, 1054—Additions to, 1034, 1045—Atlanta, loss of, 883—Captains' families aboard ship, 909—Cost of, 689—Engineers in, 563—Future of, 888—Heavy ordnance for, 698—Iron-clads for sale, 817—Lash abolished in, 1074—Promotions in, 265—Queen Adelaide, 730—Repairs to, 458—Steel corvettes for, 634—Strength of, 189—Torpedo and gun experiments, 456—Vanguard and Valorous, 78.
- Navy, Chinese, gunboats for, 33, 110, 181, 460.
- Navy, the Danish, 89.
- Navy, the French, 188, 556—Cost of, 66—Torpedo corps in, 529—"Admiral Duperre," 711.
- Navy, German, 228, 678, 698—Raising Grosser Kurfurst, 70—Naming new vessels, expense of, 638—Iron-clads, 901—Horse leather for sailors' boots, 1054.
- Navy, the Italian, 523, 638, 741, 764—Dimensions, etc., 910—The Duilio, 130.
- Navy, the Japanese, 985.
- Navy, Peruvian, the Huascar, 301, 261, 300, 410, 474, 603, 651—Lessons of the sea fight, 336.
- Navy, Russian, 70, 385, 741, 1002—Popoff's iron-clad, 189—Fleet of gunboats for, 417—Additions to, 458—Strength of, 954—New vessels for, 1034—Czar's novel steam yacht, 1053.
- Navy, the Turkish, composition of, 418.
- Navy of the future, 603.
- Non-commissioned officers, their pay, etc., 834—Their promotion, 981.
- Norwich University, account of, 90.
- Obelisk, the Egyptian, 261, 371, 970, 1063.
- OBITUARIES.**
- Abernethy, John Jay, 240—Adams, Frank T., 1063—Alley, F. C., 233—Amazeen, Joseph, 774—Andrews, W. H., 963—Audenried, J. C., 397, 919—Baker, Francis H., 645—Barrett, Edward, 879, 714, 731—Barrett, Wallace, W., 20—Barry, W. F., 4—Barry, Mrs. Wm. F., 433—Batcheller, M. B., 458—Bates, Frank H., 600—Boardman, Charles, 120, 123—Brent, Thos. L., 879—Brown, Micah R., 793—Brownlee, J. J., 303—Campbell, John A., 1023—Cavendy, Edw., 488—Collins, Patrick, 301—Constable, N. S., 623—Cross, Trueman, 794—Cross, M. B., 438—Davis, Jefferson C., 341, 381, 861, 401, 598—Dawson, Mrs. S. K., 59—Draper, L. J., 100—Du Bois, J. V., 8—Finley, C. A., 117—Finley, S. A., 98—Fitzgerald, J. A., 59, 77—Fogg, H. M., 453—French, J. Hansell, 509, 532—Gardiner, J. W. S., 159—Gaumann, H. J., 156—Gouverneur, Samuel L., 731—Hancock, David P., 879—Hanscom, Isaiah, 644—Hatfield, Chester, 285—Heintzelman, Samuel P., 813—Holmes, Theophilus H., 983—Hood, J. B., 79—Hooker, J. E., 266—Jones, James H., 774, 797—Kilty, Augustus H., 233—King, W. M., 692—Kingsbury, Charles P., 405, 426—Ladley, O. D., 552—Laussing, Arthur B., 504—Lee, A. Nibet, 260, 299—Lee, Arthur T., 432—Leland Wm. W., 23—Lubbe, F. F., 7—McPhail, B. G., 984—Merchant, Chas. S., 383—Mitchell, S. B. W., 99—Neill, E. L., 453—Neill, John, 564—Newell, Harman, 687—Nokes, E., 439—Parker, Isaac, 634—Phillips, Fred., 349—Pleasant, Henry, 708—Proudfit, John McLean, 407—Randolph, John F., 857—Revere, Jos. W., 774—Reynolds, William, 263, 283—Rosenkrantz, Frederick, 361, 381, 620—Ross, Samuel R., 1023—Shelton, Edwin H., 551, 600—Sherman, Jas. L., 854—Sloan, Wm. J., 606, 791—Steen, Enoch, 530—Sutter, John A., 963—Sykes, Gen. George, 560, 577, 698; his will, 621—Thatcher, Henry Knox, 735—Thompson, James, 601—Thompson, Henry A., 666—Thornburg, Thos. T., 216, 256—Tibbitts, Wm. B., 879—Treadwell, Thos. J., 3, 9—Van Voorhis, Richard, 754—Verplanck, A. G., 606—Vilmar, Frederick, 927—Vinton, Francis L., 179—Wainwright, Sally F. F., 624—Weir, William B., 223, 259—Whittle, L. F., 1062—Wilson, Samuel L. F., 100—Winters, William H., 941, 979—Wisthaler, Ernest, 832—Wood, Wm. Maxwell, 625, 879—Wright, Edwin M., 795, 834—Wright, John H., 452—Zell, William F., 921.
- Old Washington, 408.
- Ordnance out of date, 868.
- Pacific ocean, new current in, 1065.
- Pay for two offices, right to, 883.
- Peacemaker, bursting of the, 973.
- Peace principles, Gen. Grant's, 451.
- Persia, Shah's pilgrimage to Meshed, 500.
- Peru (see Chili and Peru).
- Pigeons, use of, for war purposes, 189, 443, 458.
- POETRY.**
- Beyond the River, 968; Company K, 705; Flanborough Head, 121; Miles Keogh's Horse, 539; Outward Bound, 558; Songs for Sailors, 517; The Florida Dragon, 949; The Limerick Boy 473; The Palliser Shot, 797; The Soldier's Lament, 554; The Sorrows of a Lieutenant, an epic in blank verse, 844; The Watcher, 446.
- Pope, Gen. John, annual report of, 301; speech at banquet of the Army of the Tennessee, 327.
- Porter, Fitz John, case of, 199, 259, 286, 338, 456, 515, 553, 623, 639, 940.
- Porter and Pope, 409.
- Post traders, War Dept., regulations as to, 75.
- Political parties on Army, 401.
- Preble, Rear-Admiral G. H., 103.
- Presidency, soldier candidates for the, 1028.
- Presidential canvass, the fitness of military candidates, 922.
- Promotion as a reward for special service, 284, 411, 902, 1029.
- Promotion, lineal, 607, 716, 732, 740, 839, 882, 884, 924, 1008.
- Queen's shilling, the, 88.
- Randolphs, the, of Virginia, 103.
- Rebellion records, compilation of, 263.
- Recruiting for the Army, 21; new system of, 674; improvements in, 988; recruiting service, 1006; best age for recruits, 26.
- Regulations codification, 714, 981, 1058, 1066.
- Reorganizing the Army, Mr. White's bill, 450, 554.
- Reports annual (see Army and Navy).
- Retired list, the, 164, 373, 838; not for drunkards, 925; compulsory retirement, 627, 692, 715, 752, 799; Mr. Butterworth's bill, 381.
- Retired officers on duty at colleges, 895.
- Retiring non-commissioned officers, 796.
- Revenue Marine, list of vessels in, 669.
- Reynolds, Ensign L. K., 625.
- Rice bayonet and projectile, 564.
- River improvements, Gen. Haupt's plan of, 888.
- Rivers—Rousseau affair, 21.
- Rocket, new buoyant life saving, 603.
- Rules of the road at sea, 98, 150, 160, 1043, 1046.
- Russia, attempted assassination of Czar of, 354.
- Russia's designs, 371.
- Russian army laying telegraph lines, 456.
- Russo-Turkish war, expenses of, 149.
- Safety File Holder, Thompson's, 401.
- Samoa, our interests at, 346, 580.
- Schools, Army, 327, 382; cavalry and infantry schools, 367.
- Scientific work, a field for, 1027.
- Scott, General Winfield, visit to New York Grammar Schools in 1861, 733.
- Schonbrunn, 200.
- Screw propeller perforated, 88.
- Sea Poems, 81.
- Seamen, English, French, and German, method of training, 608.
- Adgwick at Chancellorsville, 531.
- Service Clubs of London, 690.
- Service Literature, 471.
- Services, The, in Congress (see Congress).
- Sewing machines for British Dockyards, 108.
- Sextant and Theodolite, Relative Merits of, 130.
- Signalling, Army, 766—At sea, 563, 987—Various ways of flashing, 100—In Africa, 104.
- Signal, Barker's Marine Safety, 1065.
- Signal Corps, Mutual Benefit Association of, 449.
- Social entertainments in the Army, 4, 30, 21, 56, 76, 117, 137, 177, 341, 381, 400, 465, 508, 538, 620, 642, 703, 773, 876, 897, 1021, 1039, 1040; ditto Navy, 304, 342, 349.
- Societies, Army.—Army of the Cumberland, 283—Army of the Potomac, Annual meeting of the, 1880, p. 932; Reunion at Burlington, 908—Army of the Tennessee, 292—Tennessee and Cumberland, re-union, 302—Army and Navy Club, New York City, 947—Army Mutual Aid Society, 104, 236, 266, 444, 467, 839—Aztec Club, 124; Dinner of the, 404, 445—Grand Army Republic, 1071—Prisoners' Re-union at Toledo, 178.
- Soldiers' Home, The, 118, 263, 292.
- Spade and Musket, 44.
- Spanish Outrages, Reported, 1064, 1068.
- State Colleges, Military Instruction in, 366.
- Steamboat Collisions, Saving Lives in, 986.
- Strategos, 247, 347.
- Stuttering Recruits, 656, 809.
- Submarine Topography, 1009.
- Sub-Treasury of New York, Fortifying the, 77.
- Sword, How to wear when sheathed, 47.
- Targets, Compound plates, 647; Totten's Diagrams of, 27; Target Practice (see Rifle Practice).
- Teams, Military (see Rifle Practice).
- Telephone, in a new role, 373; Novel use of, at Springfield Armory, 452.
- Tent, New pattern, 877.
- Thomas, Gen. Geo. H., Life and services of, 306; Portrait of, 529.
- Thornburgh, Major T. T., Reminiscences of, 186.
- Toombs on Grant, 324.
- Torpedoes, 110, 691, 904—At night, 266—Abbot's, Gen., views on, 120, 404—Anticipated, The, 1014—Ericsson's Aggressive, 163—Explosion at Ancon, Peru, 901—In Chili, 9—In the German Navy, 393, 1074—In Peru, 590—The Fish, 438, 570—The Lay, 304—The Whitehead, 143, 586, 607—Electrically steered and governed, 243—Torpedo Balloons, 382—Torpedo Bonts, 500, 677; A novel, 69; Destroyer, The, 818; and the Fowler wheel, 543; In English navy, 656; Speed of, 334; The Manganesse bronze, 559; The Herreshoff, 334; vs. Machine Guns, 30.
- Torpedo Station at Newport, 81, 101, 120.
- Trials by Court-martial (see General Court-Troops concentrated in San Francisco, 649.
- martial Orders, Army).
- Turkish War, The, 870.
- Twain Screws in British Navy, 490.
- United States, Military Strength of the, 268.
- Ute Treaty Bill, passage of, 923.
- Vassar at West Point, 885.
- Veterans, About some Army, 1069.
- Veterans of Mexico (see Mexican Veterans).
- Veterinary Surgeons, 562.
- Victoria's Band (see Indians).
- Volcano in Straits of Magellan, 407.
- Volunteers, number of, in Great Britain, 569.
- Von Moltke, Monument to, 249.
- War, Acts of; Officers' Liability for, Decision of Supreme Court, 595, 596.
- War Department, reports of, 226, 245, 258, 263, 331, 340; history of the, 425; retirements in the, 245.
- War, Secretary of, Hon. A. Ramsey appointed, 367.
- Washington, Affairs in (see "Affairs").
- Washington, Equestrian Statuary at, 204.
- Wellington, Duke of, List of honors conferred upon, 314.
- West Point (see Academy, Military).
- Whistler Family, the, 1069.
- Whittaker Case, 729, 747, 756, 778, 780, 781, 799, 801, 814, 833, 838, 851, 861, 898, 903, 1045.
- Winchester Rifle, The merits of, 388.
- Wingate v. Laidley (see Rifle Practice).
- Wool Monument, 98, 445.
- Wolves in France, 1047.
- Yakob Beg Horror, 515.
- Yellow Fever at the South, 244, 304.
- Yokohama, Naval Hospital at, 908.
- Yorktown, Celebration at, 241; Surrender at, 206.
- Zulu powder, 38.
- Zulu war, 14, 26, 50, 64, 88, 141.

